

032604

11696 U.S. PTO

PTO/SB/05 (01-04)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

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UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

PB 02 0022

First Inventor

Michael T. Harvey, et al.

Title

METHODS AND APPARATUS FOR IMPROVING VOICE
QUALITY IN AN ENVIRONMENT WITH NOISE

Express Mail Label No.

ER 021245600 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 10]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 3]
5. Oath or Declaration [Total Sheets 4]
- a. ☒ Unexecuted copy of Declaration
- b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
name in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Prior application information:

Examiner

Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number: OR ☐ Correspondence address below

Name Cheryl M. Fernandez

Address Tellabs Operations, Inc.

1415 West Diehl Road, MS 16

City Naperville

State Illinois

Zip Code

60563

Country United States

Telephone

630-798-3019

Fax

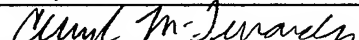
630-798-3231

Name (Print/Type) Cheryl M. Fernandez

Registration No. (Attorney/Agent)

52,611

Signature



Date

March 26, 2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 770.00

Complete if Known

Application Number	TO BE ASSIGNED
Filing Date	HEREWITH
First Named Inventor	Michael T. Harvey, et al.
Examiner Name	NOT YET ASSIGNED
Art Unit	NOT YET ASSIGNED
Attorney Docket No.	PB 02 0022

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account: 500654

Deposit Account Number 500-64

Deposit Account Name Tellabs Operations, Inc

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	770.00
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$ 770.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims 20 -20** = 0 X Fee from below = 0.00
Independent Claims 3 -3** = 0 X Fee Paid = 0.00
Multiple Dependent

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		

(\$ 0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$

SUBMITTED BY

Name (Print/Type)	Cheryl M. Fernandez	Registration No. (Attorney/Agent)	52,611	Telephone	630-798-3019
Signature	<i>Cheryl M. Fernandez</i>	Date	March 26, 2004		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:)
Michael T. Harvey)
Michael P. Perri)
))
Serial No.: To Be Assigned)
))
Filed: Herewith)
))
For: METHODS AND APPARATUS FOR)
IMPROVING VOICE QUALITY IN AN)
ENVIRONMENT WITH NOISE)

MAIL STOP PATENT APPLICATION

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Dear Sir:

"Express Mail" Mailing Label Number: ER 021245600 US
Date of Deposit: March 26, 2004
Patent Application of: Michael T. Harvey, et al.
Tellabs Docket No.: PB 02 0022
Title of Patent Application: METHODS AND APPARATUS FOR IMPROVING
VOICE QUALITY IN AN ENVIRONMENT WITH
NOISE

- X Utility Patent Application Transmittal including Specification
(10 pages and 3 drawing sheets)
X Fee Transmittal for FY 2004 – in duplicate
X Unexecuted Combined Declaration and Power of Attorney for Patent Application
X Certificate of Mailing by "Express Mail"
X Postage Paid Return Receipt Post Card
X Transmittal Letter

I hereby certify that the above-identified and attached papers are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated below, and are addressed to MAIL STOP PATENT APPLICATION, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Date: 3/26/2004By: Cheryl M. Fernandez
Cheryl M. Fernandez



March 26, 2004

Tellabs Operations, Inc.
1415 West Diehl Road
Naperville, IL 60563 U.S.A.
Tel: +1.630.798.8800
Fax: +1.630.798.3231

Tellabs Docket No.: PB 02 0022

MAIL STOP PATENT APPLICATION

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

Presented for filing is a patent application of:

Applicants: Michael T. Harvey
Michael P. Perri

Title: METHODS AND APPARATUS FOR IMPROVING VOICE
QUALITY IN AN ENVIRONMENT WITH NOISE

Enclosed are the following papers, including those required to receive a filing date under 37 CFR § 1.53(b):

- a. Utility Patent Application Transmittal including Specification (10 pages) and 3 drawing sheets
- b. Fee Transmittal for FY 2004- in duplicate
- c. Unexecuted Combined Declaration and Power of Attorney for Patent Application
- d. Certificate of Mailing by "Express Mail"
- e. Express Label No. ER 021245600 US deposited on March 26, 2004
- f. Postage Paid Return Receipt Post Card

Kindly acknowledge receipt of this application by returning the enclosed postcard.

Please send all correspondence to:

Cheryl M. Fernandez
Tellabs Operations, Inc.
1415 West Diehl Road, MS 16
Naperville, IL 60563

Respectfully submitted,

Cheryl M. Fernandez
Staff Intellectual Property Attorney

Enclosures

MailStop Patent Application - Commissioner For Patents
Docket No. PB 02 0022 Inventors: M.T. Harvey & M.P. Perri
Re: Tellabs Operations, Inc.
Title: METHODS AND APPARATUS FOR IMPROVING VOICE QUALITY IN AN
ENVIRONMENT WITH NOISE

Sir:
Please place the Patent Office receipt stamp hereon to acknowledge receipt
of the following papers:

<u> x </u>	Utility Patent Application Transmittal including Specification (10 pages) and 3 drawing sheets
<u> x </u>	Fee Transmittal for FY 2004 - in duplicate
<u> x </u>	Unexecuted Combined Declaration and Power of Attorney for Patent Application (4 pages)
<u> x </u>	Certificate of Mailing by "Express Mail" Express Label No. ER 021245600 US Express Mail Deposit Date: March 26, 2004
<u> x </u>	Postage Paid Return Receipt Postcard
<u> x </u>	Transmittal Letter
<u> x </u>	Fee to be withdrawn from Applicant's Deposit Account

I hereby certify that the above-identified and attached papers are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated below, and are addressed to Mail Stop Patent Application, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 (Express Mail No. ER 021245600 US).

Date: 3/26/2004

By: 
Cheryl M. Fernandez